Express Mail No. EV 130050048 US
GECAN-3214
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ong et. al.

Serial No.: 09/681,253

Filed: March 8, 2001

For: STATOR, DYNAMOELECTRIC MACHINE, AND METHODS FOR FABRICATING SAME

Art Unit: 2834

Examiner: Waks, J.

SUBMISSION OF MARKED UP CLAIMS

Hon. Commissioner for Patents
Washington, D.C. 20231

Submitted herewith are marked up claims in accordance with 37 C.F.R. 1.121(c)(1)(ii).

IN THE CLAIMS

5. (once amended) A method [according to Claim 1 wherein said step of] for facilitating a fabrication of a high temperature superconducting electrical machine, said method comprising the steps of:

fabricating a back iron;

attaching a plurality of non-magnetic teeth to the back iron with at least one key, said plurality of non-magnetic teeth [further comprises the step of attaching a plurality of non-magnetic teeth] comprising at least one of [a glass laminate,] a carbon fiber[,] and a fiber polymer;

and installing the back iron in the machine [to the back iron with at least one key].

6. (once amended) [A method according to Claim 1 wherein] A method for facilitating a fabrication of a high temperature superconducting electrical machine, said method comprising the steps of:

fabricating a back iron;

attaching a plurality of non-magnetic teeth to the back iron wherein [said step of attaching a plurality of non-magnetic teeth further comprises the step of attaching] at least one non-magnetic tooth [including] includes at least one embedded conductor; and

installing the back iron in the machine.

7. (once amended) A method for fabricating a stator with non-magnetic teeth, said method comprises the steps of:

fabricating a back iron; and

attaching a non-magnetic tooth back portion comprising a plurality of non-magnetic teeth to the back iron.

10. (once amended) A method according to Claim 7 wherein said step of attaching a plurality of non-magnetic teeth further comprises the step of attaching a plurality of non-magnetic teeth comprising at least one of [a glass laminate,] a carbon fiber[,] and a fiber polymer to the back iron.

Respectfully Submitted,

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